

**M U C H S H E L I S T**



October 29, 2003

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The Commissioner of Patents  
U.S. PATENT & TRADEMARK OFFICE  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Re: Nonprovisional Patent Application Serial No. 10/646,343  
Our Ref. No. 4001798.0002

Dear Sir:

Please find enclosed a Declaration/Power of Attorney, assignment, check in amount of \$533, and certificate of mailing, for completing application serial number 10/646,343, filed on August 22, 2003, entitled "Nozzle for Use in Rotational Casting Apparatus", by the inventors/applicants: R. Bruce DeMent and Paul Werstler.

Respectfully submitted,

MUCH SHELIST

Milton S. Gerstein  
Reg. No. 27,891

17980310.CMP



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PTO/88/17 (11-00)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL**  
**for FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) **533**

**Complete if Known**

Application Number	10/646,343
Filing Date	August 22, 2003
First Named Inventor	R. Bruge DeMent
Examiner Name	
Group Art Unit	
Attorney Docket No.	4001798.0002

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																													
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: <b>13-4825</b></p> <p>Deposit Account Name: <b>Much Shelist Freed</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p><b>3. ADDITIONAL FEES</b></p> <table><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td>65</td></tr><tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>118 380</td><td>218 185</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 890</td><td>217 445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,380</td><td>218 895</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,890</td><td>228 945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 310</td><td>219 155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120 310</td><td>220 155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 270</td><td>221 135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,240</td><td>241 620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,240</td><td>242 620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 440</td><td>243 220</td><td>Design issue fee</td><td></td></tr><tr><td>144 800</td><td>244 300</td><td>Plant issue fee</td><td></td></tr><tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50</td><td>123 50</td><td>Processing fee under 37 CFR 1.17(a)</td><td></td></tr><tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>146 710</td><td>246 355</td><td>Filing a submission after final rejection (37 CFR § 1.129(e))</td><td></td></tr><tr><td>149 710</td><td>249 355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 710</td><td>279 355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900</td><td>169 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="3">Other fee (specify)</td><td></td></tr><tr><td colspan="3">SUBTOTAL (3)</td><td>(\$) 105</td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130	205 65	Surcharge - late filing fee or oath	65	127 50	227 25	Surcharge - late provisional filing fee or cover sheet		139 130	139 130	Non-English specification		147 2,520	147 2,520	For filing a request for ex parte reexamination		112 920*	112 920*	Requesting publication of SIR prior to Examiner action		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		115 110	215 55	Extension for reply within first month		118 380	218 185	Extension for reply within second month		117 890	217 445	Extension for reply within third month		118 1,380	218 895	Extension for reply within fourth month		128 1,890	228 945	Extension for reply within fifth month		119 310	219 155	Notice of Appeal		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		138 1,510	138 1,510	Petition to institute a public use proceeding		140 110	240 55	Petition to revive - unavoidable		141 1,240	241 620	Petition to revive - unintentional		142 1,240	242 620	Utility issue fee (or reissue)		143 440	243 220	Design issue fee		144 800	244 300	Plant issue fee		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Processing fee under 37 CFR 1.17(a)		126 180	126 180	Submission of Information Disclosure Stmt		581 40	581 40	Recording each patent assignment per property (times number of properties)	40	146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(e))		149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))		179 710	279 355	Request for Continued Examination (RCE)		169 900	169 900	Request for expedited examination of a design application		Other fee (specify)				SUBTOTAL (3)			(\$) 105
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SUBMITTED BY		Complete if applicable	
Name (Print/Type)	Milton S. Gerstein	Registration No. (Attorney/Agent)	27,891
Signature	<i>Milton S. Gerstein</i>	Telephone	(312) 521-2777
		Date	10/29/03

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